PASSAIC VALLEY SEWERAGE COMMISSIONERS
LIQUID WASTE ACCEPTANCE PROGRAM
APPLICATION FOR **INDUSTRIAL LIQUID WASTE**

THIS APPLICATION TO BE COMPLETED BY WASTE GENERATOR

1. Waste Generator Name: Colgate-Palmolive Company
2. Waste Generator Address: 191 East Hanover Avenue
   Morristown, N.J. Zip Code: 07962
3. Waste Generator Telephone Number: 973-630-1678 Fax No.: 973-630-1309
4. Waste Generator US EPA ID No. (if any): NJD002146160
5. Person to contact concerning information provided in this application:
   Name of Contact: Casey Mahalick
   Title: EOHS Coordinator
   Phone No.: 973-630-1889 Fax No.: 973-630-1560
   Address: Same as above
   Zip Code: _____

BILLING INFORMATION

6. Billing Contact Name: Geoff VanderVeen
7. Billing Contact Address: P.O. Box 1928
   Morristown, N.J. Zip Code: 07962
8. Billing Contact Telephone Number: 973-630-1678 Fax No.: 973-630-1309

FACILITY INFORMATION [COMPLETE 9-12 ONLY IF DIFFERENT FROM 1-4 ABOVE]

9. Facility Name: same as above
10. Facility Address: _____
    _____ Zip Code: _____
11. Facility Telephone Number: _____ Fax No.: _____
12. Facility US EPA ID No. (if any): _____
13. Facility NPDES or NJPDES No. (if any): _____

14. Brief description of manufacturing or other activity performed at facility: manufacturer of liquid hand soap, body wash and underarm deodorants and antiperspirants
List SIC CODE # with description: 2844 - perfumes, cosmetics and other toilet preparations
2841 - Soap and other detergents, except specialty cleaners

15. Is the Liquid Waste subject to applicable categorical pretreatment standard(s)? Yes/No No
If so, list current control authority: _____

****NOTE: IF THE WASTE IS SUBJECT TO A CATEGORICAL PRE-TREATMENT STANDARD, CONTACT PVSC FOR A "*CATEGORICAL WASTE ADDENDUM*" TO THIS APPLICATION.**

16. List the industrial category for the Liquid Waste, if applicable: N/A
Subpart (s): _____

17. List the pre-treatment control authority which you are currently reporting to: N/A

18. Is facility in compliance? Yes/No N/A If not, and if compliance date has passed, explain actions being taken to get into compliance: _____

PRETREATMENT

19. Does the Liquid Waste exceed any of the applicable categorical pretreatment standard(s) for this Liquid Waste?
Yes/No No

RCRA

20. Does the Liquid Waste come from a facility, or any portion of the facility, that is regulated as a Federal and/or State Resource Conservation and Recovery Act (RCRA) facility for treatment, storage, or disposal?
Yes/No No If YES, explain: _____

IF YOUR RESPONSE IS "YES" TO ANY OF THE QUESTIONS NUMBERED 21 THROUGH 26 OR 28, PLEASE DO NOT PROCEED ANY FURTHER WITH THIS APPLICATION BECAUSE THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS WWTP.

21. Is the Liquid Waste a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) (F, P, K, U listed waste)?
Yes/No No

22. Is the Liquid Waste a characteristic RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) (D waste)?
Yes/No No

23. Is the Liquid Waste a mixture of a RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) with a non-hazardous waste?
Yes/No No

24. Is the Liquid Waste derived from a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.)?
Yes/No No

25. Is the Liquid Waste the product of a spill/cleanup of a listed RCRA hazardous waste (40 CFR 261, N.J.A.C. 7:26G-1 et seq.)?
Yes/No No

26. Was the Liquid Waste a listed RCRA hazardous (40 CFR Part 261) as generated and rendered RCRA non-hazardous by pretreatment? Yes/No No

27. Please provide any exclusions which may render the waste RCRA non-hazardous (40 CFR 261, N.J.A.C. 7:26G-1 et seq.) N/A

OTHER

28. Does the Liquid Waste contain substances in concentrations that are regulated by the Toxic Substances Control Act (TSCA) (40 CFR Subchapter R) including PCBs (40 CFR 761)?: Yes/No No

IF YOUR RESPONSE IS "YES" TO ANY OF THE QUESTIONS NUMBERED 21 THROUGH 26 OR 28 ABOVE, PLEASE DO NOT PROCEED ANY FURTHER WITH THIS APPLICATION. THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS (PVSC) WWTP. ANY PERSON DISCHARGING SUCH LIQUID WASTE VIA TRUCK TO PVSC'S WWTP FOR TREATMENT WILL BE SUBJECT TO PUNISHMENT INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

PROPERTIES OF THE LIQUID WASTE

29. Name of Liquid Waste: Manufacturing Liquid Waste

Sludge ____ Graywater X

30. Description of process generating the Liquid Waste: equipment flushes, cleaning, washing and sanitization of equipment (containing water and soap) and stormwater from truck unloading containment areas.
(Attach process flow diagram)

31. Principal raw materials used in the process generating the Liquid Waste: water and soap ingredients (surfactants)

32. Principal products (or service) from which the Liquid Waste is generated: production of liquid hand soap and body wash for consumer use

33. Has the Liquid Waste been pretreated? Yes/No No
If so, describe pretreatment process in use: ____
(Attach pretreatment process flow diagram)

34. Is the Liquid Waste generated as a result of a site cleanup/compliance activity?: Yes/No No
If so, describe cleanup/compliance activity and the regulatory program: _____

35. Estimated quantity of Liquid Waste to be delivered:

Estimated gallons per week: 45,000
Estimated gallons per year: 2,400,000
Estimated length of disposal services needed (months, years, one time, etc.):
on-going unless a method of reduction or reuse is found

PLEASE NOTE THAT FOR DISPOSAL SERVICES EXTENDING BEYOND ONE YEAR, A COMPLETED LIQUID WASTE ACCEPTANCE PROGRAM "APPLICATION FOR INDUSTRIAL LIQUID WASTE" MUST BE SUBMITTED ANNUALLY.

36. Liquid Waste Composition (major components and CAS numbers):

	Component	Concentration Range (wt.% or ppm) Lower	Upper	Typical
732-18-5	Water	45	90	65
388-31-1	Sodium laureth sulfate	15	38	17
3439-57-6	Sodium (C)14-16) olefin sulfonate	5	23	10
confidential	cocoamidopropyl betaine	3	11	6
mixture	alkyl polyglucoside surfactant	1	3	2
	TOTAL			100%

37. Is Liquid Waste currently disposed at one or more facilities? If so, please provide the following information for the current facility or facilities:

FACILITY 1

Facility Name Veolia ES Greentree Landfill, LLC
Facility Address 635 Toby Road
Kersey, PA 15846
Type of Facility Landfill
Facility Permit Number PAD987398831
Type of Permit EPA ID #
Is Liquid Waste handled as RCRA hazardous or non-hazardous waste by this facility? non-hazardous
Provide any limitations on the Liquid Waste imposed by this facility none

FACILITY 2
Facility Name N/A
Facility Address _____
Type of Facility _____
Facility Permit Number _____
Type of Permit _____
Is Liquid Waste handled as RCRA hazardous or non-hazardous waste by this facility? _____
Provide any limitations on the Liquid Waste imposed by this facility _____

38. Is or has the facility ever been connected to a municipal sewer system? Yes/No yes

If so, explain why this Liquid Waste is not discharged to the sewer The municipal sewer system does not have the capacity to handle this waste.

39. Is there a separate component of the Liquid Waste stream disposed at other facilities, such as a sludge component? Yes/No NO

If so, is the separate component disposed as a RCRA hazardous waste? Yes/No N/A
If so, indicate RCRA hazardous waste code(s) _____

40. Is the Liquid Waste subject to reporting requirements under New Jersey Sludge Quality Assurance Regulations, also referred to as SQAR (N.J.A.C 7:14-4 et seq.), or the equivalent in the generator's state?: Yes/No No

If so, attach copies of SQAR or equivalent reports for the last six (6) months to this form.

41. Is the Liquid Waste known to gel or solidify? Yes/No No

42. Is the Liquid Waste known to be incompatible or reactive with other chemicals? Yes/No No

If so, list incompatibility(ies) _____

ANALYSIS OF LIQUID WASTE

43. Does Liquid Waste contain separate phase organic material (floating or sinking oils or solvents) or solids? Yes/No No If yes, please list all phases _____

44. Analysis for all separate phases of the Liquid Waste must be performed on a representative sample collected:

Samples collected by: _____
_____ Date: _____

Samples analyzed by: _____
_____ Date: _____

Products being manufactured when sample was collected: liquid hand soap and body wash

ALL SEPARATE PHASES MUST BE SAMPLED SEPARATELY. ALL SEPARATE PHASES MUST BE ANALYZED SEPARATELY AND REPORTED BY A STATE CERTIFIED ANALYTICAL LABORATORY (IN ALL ANALYSES PROVIDED). THE ANALYSES SUBMITTED MUST BE FOR THE LIQUID WASTE STREAM THAT IS THE SUBJECT OF THIS APPLICATION.

List State laboratory certification number PA011

45. Analysis for all separate phases of the Liquid Waste must be performed on a representative sample collected for the waste stream:

For a GRAYWATER analyze for the parameters listed in Table 1A. Analysis for any metals listed in Table 1A should be for Total Metals (NOT TCLP METALS, WHICH ARE REQUIRED IN TABLE 3). Attach a complete laboratory analysis for all results listed in Table 1A including the Chain-of-Custody and signed Lab Certification.

Table 1A – GRAYWATER – See attached report

Parameter	Value	Limit (mg/L)	Parameter	Value	Limit (mg/L)
Total Solids			Arsenic (As)		0.15
Volatile Solids			Cadmium (Cd)		0.19
Total Suspended Solids			Chromium Total (Cr)		Suspended
Volatile Suspended Solids			Copper (Cu)		3.02
Petroleum Hydrocarbons		100	Lead (Pb)		0.54
Biochemical Oxygen Demand (BOD)			Molybdenum (Mo)		Suspended
Chemical Oxygen Demand (COD)			Mercury (Report to 0.XXX)		0.080
Total Organic Carbon (TOC)			Selenium (Se)		
Ortho Phosphates as P			Nickel (Ni)		5.9
Ammonia as NH_3			Zinc (Zn)		1.67
Kjeldahl N as N					
			OTHER: (2)		
TTO (Report to 0.XXX) (1)					
TTVO (Report to 0.XXX) (1)					

(1) If required by Categorical Pretreatment Standards.
(2) List results for major components listed in question 36 and any additional parameters required by Categorical Pretreatment Standards.

For a SLUDGE (defined as the solid residue and associated liquid resulting from the physical, chemical or biological treatment of domestic or industrial wastewaters) analyze for the parameters listed in Table 1B. Analysis for any metals listed in Table 1B should be for Total Metals (NOT TCLP METALS, WHICH ARE REQUIRED IN TABLE 3). Attach a complete laboratory analysis for all results listed in Table 1B including the Chain-of-Custody and signed Lab Certification.

Table 1B – SLUDGE – N/A

Parameter	Value	Parameter	Value (mg/kg)	Limit (mg/kg)
Total Solids		Arsenic (As)		41
Volatile Solids		Cadmium (Cd)		39
Total Suspended Solids		Chromium Total (Cr)		1,200
Petroleum Hydrocarbons		Copper (Cu)		1,500
Ortho Phosphates as P		Lead (Pb)		300
Ammonia as NH_3		Mercury (Hg)		17
Kjeldahl N as N		Molybdenum (Mo)		Suspended
		Nickel (Ni)		420
		Selenium (Se)		100
		Zinc (Zn)		2,800
		OTHER: (2)		
TTO (Report to 0.XXX) (1)				
TTVO (Report to 0.XXX) (1)				

(1) If required by Categorical Pretreatment Standards.
(2) List results for major components listed in question 36 and any additional parameters required by Categorical Pretreatment Standards.

46. List RCRA hazardous waste characterization analytical laboratory results and indicate which contaminants exceed regulatory levels. Attach RCRA hazardous waste characterization analytical laboratory results listed below. Analyses must be performed on a representative sample collected for the Liquid Waste that is the subject of this application.

IF ANY OF THE RCRA HAZARDOUS WASTE CHARACTERIZATION ANALYTICAL DATA VALUES EXCEED REGULATORY LEVELS, THE LIQUID WASTE CANNOT BE ACCEPTED FOR TREATMENT AT THE PASSAIC VALLEY SEWERAGE COMMISSIONERS (PVSC) WWTP. ANY PERSON DISCHARGING SUCH LIQUID WASTE VIA TRUCK TO PVSC'S WWTP FOR TREATMENT WILL BE SUBJECT TO PUNISHMENT INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Table 2 – RCRA TOXICITY CHARACTERISITICS

Waste Characteristic	Regulatory Level	Value	Exceeds Regulatory Level?	
			Yes	No
D001: Ignitability	liquids with a flash point below 140° F or 60° C			
D002: Corrosivity	liquids with a pH below 2 and above 12.5			
D003: Reactivity	liquids that are chemically unstable and readily undergo violent change, are susceptible to detonation, react violently with water, or emit toxic fumes. Reactive sulfide above 500 ppm; reactive cyanide above 250 ppm.			

Toxicity Characteristic Leachate Procedure or TCLP:

TABLE 3

Maximum Concentration of Contaminants for the Toxicity Characteristic

EPA HW No. {1}	Contaminant	CAS No.{2}	Regulatory Level (mg/L)	Value (mg/L)	Exceeds Regulatory Level?	
					Yes	No
D004	Arsenic	7440-38-2	5.0			
D005	Barium	7440-39-3	100.0			
D006	Cadmium	7440-43-9	1.0			
D007	Chromium	7440-47-3	5.0			
D008	Lead	7439-92-1	5.0			
D009	Mercury	7439-97-6	0.2			
D010	Selenium	7782-49-2	1.0			
D011	Silver	7440-22-4	5.0			
D012	Endrin	72-20-8	0.02			
D013	Lindane	58-89-9	0.4			
D014	Methoxychlor	72-43-5	10.0			
D015	Toxaphene	8001-35-2	0.5			
D016	2,4-D	94-75-7	10.0			
D017	2,4,5-TP (Silvex)	93-72-1	1.0			
D018	Benzene	71-43-2	0.5			
D019	Carbon tetrachloride	56-23-5	0.5			
D020	Chlordane	57-74-9	0.03			
D021	Chlorobenzene	108-90-7	100.0			
D022	Chloroform	67-66-3	6.0			
D023	o-Cresol	95-48-7	{4} 200.0			
D024	m-Cresol	108-39-4	{4} 200.0			
D025	p-Cresol	106-44-5	{4} 200.0			
D026	Cresol		{4} 200.0			
D027	1,4 - Dichlorobenzene	106-46-7	7.5			
D028	1,2 - Dichloroethane	107-06-2	0.5			
D029	1,1 - Dichloroethylene	75-35-4	0.7			
D030	2,4 - Dinitrotoluene	121-14-2	{3} 0.13			
D031	Heptachlor (and its epoxide)	76-44-8	0.008			

TABLE 3 (cont.)

Maximum Concentration of Contaminants for the Toxicity Characteristic (cont.)

EPA HW No. {1}	Contaminant	CAS No.{2}	Regulatory Level (mg/L)	Value (mg/L)	Exceeds Regulatory Level?	
					Yes	No
D032	Hexachlorobenzene	118-74-1	{3} 0.13			
D033	Hexachlorobutadiene	87-68-3	0.5			
D034	Hexachloroethane	67-72-1	3.0			
D035	Methyl ethyl ketone	78-93-3	200.0			
D036	Nitrobenzene	98-95-3	2.0			
D037	Pentachlorophenol	87-86-5	100.0			
D038	Pyridine	110-86-1	{3} 5.0			
D039	Tetrachloroethylene	127-18-4	0.7			
D040	Trichloroethylene	79-01-6	0.5			
D041	2,4,5-Trichlorophenol	95-95-4	400.0			
D042	2,4,6-Trichlorophenol	88-06-2	2.0			
D043	Vinyl chloride	75-01-4	0.2			

{1} Hazardous waste number.

{2} Chemical abstracts service number.

{3} Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.

{4} If o-, m-, and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/l.

[55 FR 11862, Mar. 29, 1990, as amended at 55 FR 22684, June 1, 1990; 55 FR 26987, June 29, 1990; 58 FR 46049, Aug. 31,1993]

NOTE: VERBAL COMMUNICATION

Verbal communication by the applicant shall not be accepted and no representative, agent or employee of PVSC is authorized to accept any verbal communication from the applicant to vary, alter or modify the terms of this application. Similarly, no representative, agent, or employee of PVSC has been authorized to make any representations or to vary, alter or modify the terms hereof. No additions, changes or modifications, renewals or extensions hereof, shall be binding unless reduced to writing and signed by the applicant and PVSC.

CERTIFICATION:

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false, information, including the possibility of fine and imprisonment.

I further certify that:

The analytical data presented herein or attached hereto were derived from testing a representative sample of the Liquid Waste collected in accordance with 40 CFR 261.20 (c) or equivalent rules.

The Liquid Waste is not a "hazardous waste" as defined by Federal regulation and/or State regulation.

The Liquid Waste meets all applicable Federal categorical pretreatment standards.

The Liquid Waste does not contain regulated radioactive materials or regulated concentrations of PCBs.

All relevant information about the Liquid Waste regarding known or suspected hazards in the possession of the Generator has been disclosed.

If any changes occur in the character of the Liquid Waste, the Generator shall notify PVSC in writing prior to providing the material for disposal.

If the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

Name of signing official: Lori Michelin
PRINT

Director of Manufacturing
TITLE

12/15/08
DATE

Lori Michelin
SIGNATURE

* APPLICATION MUST BE SIGNED BY ONE OF THE FOLLOWING:

a. Principal Officer of Corporation
b. President or Owner of Company
c. General Partner if a Partnership
d. Plant Manager or Authorized Representative

Rev. 9/5/06

Partial Report

Lancaster Laboratories

Analytical Report

Hatch Mott MacDonald
Project: Colgate-Palmolive
SDG: HMR05

Report Date: 12/15/2008 15:28
Submit Date: 12/5/2008 20:00

Analysis Name	Units	5549736 Waste Ta Result	MDL
Mercury	mg/l	N.D.	0.0028
Arsenic	mg/l	N.D.	0.100
Selenium	mg/l	N.D.	0.107
Cadmium	mg/l	N.D.	0.0200
Chromium	mg/l	0.0628	0.0300
Copper	mg/l	0.271	0.0270
Lead	mg/l	N.D.	0.0690
Molybdenum	mg/l	N.D.	0.0490
Nickel	mg/l	N.D.	0.0560
Zinc	mg/l	1.41	0.0810
Total Solids	mg/l	67,400	400
Total Fixed Solids	mg/l	14,800	400
Total Volatile Solids	mg/l	52,500	400
Total Suspended Solids	mg/l	1,360	150
Fixed Suspended Solids	mg/l	280	150
Volatile Suspended Solids	mg/l	1,080	150
Kjeldahl Nitrogen	mg/l	103	12.5
Ammonia Nitrogen	mg/l	N.D.	10.0
M. B. A. S.	mg/l LAS MW 320	46,600	1,400
Ortho-Phosphate as P	mg/l	39.7	1.0
Biochemical Oxygen Demand	mg/l	58,900	80.0
Total Organic Carbon	mg/l	24,800	500
SGT-HEM (TPH)	mg/l	66.0	29.0
Chemical Oxygen Demand	mg/l	149,000	3,200

ReferenceID: 123329151208152605

Partial Report

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial ID	Analysis Date/Time	Analyst	Dilution
5549736	**Waste Tank Grab Water Sample**					
00259	Mercury	EPA 245.1 rev 3	1	12/11/08 0539	Damary Valentin	50
07035	Arsenic	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07036	Selenium	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07049	Cadmium	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07051	Chromium	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07053	Copper	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07055	Lead	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07060	Molybdenum	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07061	Nickel	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
07072	Zinc	EPA 200.7 rev 4.4	1	12/9/08 2309	John P Hook	1
00203	Total Solids	SM20 2540 B	1	12/8/08 0716	Susan A Engle	10
00204	Total Fixed Solids	SM20 2540 E	1	12/8/08 0716	Susan A Engle	10
00205	Total Volatile Solids	SM20 2540 E	1	12/8/08 0716	Susan A Engle	10
00206	Total Suspended Solids	SM20 2540 D	1	12/9/08 1008	Susan A Engle	1
00207	Fixed Suspended Solids	SM20 2540 E	1	12/9/08 1008	Susan A Engle	1
00208	Volatile Suspended Solids	SM20 2540 E	1	12/9/08 1008	Susan A Engle	1
00217	Kjeldahl Nitrogen	EPA 351.2	1	12/10/08 2011	Venia B McFadden	25
00221	Ammonia Nitrogen	SM20 4500NH3 B/C modified	1	12/11/08 1400	Luz M Groff	50
00225	M. B. A. S.	SM20 5540 C	1	12/6/08 0840	Daniel S Smith	40000
00226	Ortho-Phosphate as P	EPA 365.3	1	12/6/08 0520	Daniel S Smith	100
00235	Biochemical Oxygen Demand	SM20 5210 B	1	12/6/08 0654	Hannah M Royer	100
00273	Total Organic Carbon	SM20 5310 C	1	12/10/08 0649	James S Mathiot	1000
00612	SGT-HEM (TPH)	EPA 1664A	1	12/9/08 0755	Yolunder Y Bunch	20
04001	Chemical Oxygen Demand	EPA 410.4	2	12/10/08 0820	Susan A Engle	250

Partial Report

Comments

5549736 Waste Tank Grab Water Sample

00259	Mercury The quantitation limit for mercury was raised due to the nature of the sample matrix.
07035	Arsenic The quantitation limits for ICP metals were raised due to the nature of the sample matrix.
00221	Ammonia Nitrogen The reporting limit(s) for the analyte(s) above was raised due to matrix interference.
00612	SGT-HEM (TPH) The reporting limit(s) for the analyte(s) above was raised due to matrix interference.

State of New Jersey Lab Certification No. PA011